

REMARKS

Claims 2-3, 7, 9-10 and 15-18 are canceled. Claims 21-29 are new, and claims 1, 4-6, 8, 11-14 and 19-20 are amended. Claims 1, 4-6, 8, 11-14 and 19-29 are pending in this application, and no new matter is added by this amendment.

Support for the amendments to claims 1, 14, 19 and 20 and for new claims 21-23 and 27 may be found, for example, in the specification in FIG. 3 and in paragraphs [0092]-[0097] and [0100], support for the amendments to claim 4 may be found, for example, in the specification in original claim 3 and in paragraph [0029], support for the amendments to claim 5 may be found, for example, in the specification in paragraph [0031], and support for the amendments to claim 6 may be found, for example, in the specification in paragraph [0035]. Support for the amendments to claim 8 may be found, for example, in the specification in paragraph [0101], and support for the amendments to claim 11 may be found, for example, in the specification in paragraph [0037]. Claim 12 is amended to provide clarity, and support for the amendments to claim 13 may be found, for example, in the specification in FIG. 3 and in paragraphs [0099], [0104], and [108].

New claim 24 includes material originally recited by canceled claim 10. Support for new claim 25 may be found, for example, in the specification at paragraph [0080] and in FIG. 3, and support for new claim 26 may be found, for example, in the specification at paragraph [0100]. Support for new claim 28 may be found, for example, in the specification at paragraph [0099] and in FIG. 3, and support for new claim 29 may be found, for example, in the specification in paragraphs [0037] and [0101].

Objections to the Specification

The first sentence of paragraph [0001] of the specification is amended to include a reference to prior Application No. PCT/US05/15393, filed May 4, 2005. This reference was previously submitted on the Application Data Sheet dated April 7, 2006 and was recognized by the Office as shown by its inclusion on the first filing receipt dated June 8, 2007.

The specification is objected to because of informalities in paragraph [0001]. Paragraph [0001] is amended to identify related applications by application numbers instead

of attorney docket numbers. Applicants submit the amendments to the specification overcome the objections, and respectfully request the withdrawal of the objections to the specification.

Claim Rejections Under 35 U.S.C. §112, 1st paragraph:

Applicants respectfully traverse the rejection of claims 4-6, 13-14, and 19-20 under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. Applicants respectfully note that claim 12 was listed in the rejection on page 5 of the Office Action, however, no subsequent detail was provided for claim 12. Instead, details for claim 13 (that was not listed in the rejection) were provided in comment 13 on page 6 of the Office Action, and accordingly, Applicants address claim 13 herein. Applicants respectfully request reconsideration and withdrawal of the rejection of claims 4-6, 13-14, and 19-20 under 35 U.S.C. 112, first paragraph in light of the amendments and the following remarks.

In particular, the written description of claim 4 may be found at least in the abstract and paragraphs [0029]-[0030] of the specification; the written description of claim 5 may be found at least in paragraph [0031] of the specification; the written description of claim 6 may be found at least in paragraph [0035] of the specification; and the written description of claim 13 may be found at least in FIG. 3 and paragraphs [0099], [0104] and [0108] of the specification. Furthermore, with regard to claims 14, 19 and 20, all phrases that were alleged by the Examiner to be indefinite (i.e., in comments 14, 15, 19 and 20) are deleted.

With respect to the term “rich client” in claims 11 and 29, Applicants submit that the term “rich client” (also referred to as a “fat client” or a “thick client”) is a common term in computer science that describes a client that includes relatively extensive functionality of its own, and is therefore not heavily dependent on a server. *See, e.g.,* http://en.wikipedia.org/wiki/Fat_client that is a redirection from http://en.wikipedia.org/wiki/Rich_client.

For at least the above reasons, Applicants submit that claims 4-6, 13-14 and 19-20 fully comply with the written description requirement. Accordingly, Applicants respectfully request withdrawal of the rejection under 35 U.S.C. 112, first paragraph.

Claim Rejections Under 35 U.S.C. §112, 2nd paragraph:

Applicants respectfully traverse the rejection of claims 1, 14 and 19 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. Applicants respectfully request reconsideration and withdrawal of the rejection in light of the amendments and the following remarks.

With regard to claim 1, the word “functions” is deleted, and thus the rejection of claim 1 under 35 U.S.C. §112, 2nd paragraph is moot. With regard to claims 1, 14 and 19, the phrase “more than one” is deleted and each of claims 1, 14 and 19 recite “two or more.” For at least the above reasons, Applicants submit that claims 1, 14 and 19 fully comply with 35 U.S.C. §112, 2nd paragraph, and Applicants respectfully request withdrawal of the rejection.

Claim Rejections Under 35 U.S.C. §102:

Applicants respectfully traverse the rejection of claims 1, 4, 8, 12 and 13 under 35 U.S.C. 102(e) as being anticipated by *Thurner et al.*, US Patent No 7,165,226 (“Thurner”). Applicants respectfully request reconsideration and withdrawal of the rejection in light of the amendments and the following remarks.

As amended, independent claim 1 recites, *inter alia*, a “real-time interface providing two or more real-time displays from a set of real-time displays, the set of real-time displays including an operator display, a maintenance display, a configuration display, and a simulation display” where “each of the two or more real-time displays includes a same graphic element corresponding to a same graphical element object of the plurality of graphical element objects.” Applicants submit Thurner does not disclose at least these elements.

In particular, each of Thurner's display views do not include a same graphic element corresponding to a same graphical element object. Rather, in Thurner, graphic elements on different display views that correspond to a same entity of the process control system are related via mapping or coupling: "Within the Industrial Framework Server, the data structures within adapted applications are graphically mapped in order to provide any information" (Thurner, 7:39-42), and "The Multiple Coupled Browser Views Workbench of the present invention provides use of a display device... to couple several views of a manufacturing plant such that, if the user navigates through one view, all coupled views adjust their focus accordingly" (Thurner, 3:58-62).

Accordingly, with Thurner, for a same entity in a process plant, a user is required to create multiple, separate graphical elements for each application, determine which views include graphic displays of the same graphical element, and then take additional steps of mapping the graphical elements across views. As a result of the graphic display needs being supported at the individual functional levels of the process plant, such as at the control configuration, maintenance support, control operator support and simulation support functional levels, different displays created by various corresponding editors end up modeling and depicting the same components within the plant, which results in the duplication of graphical display efforts by various different personnel with the process plant. This duplication of effort is manifested not only in the effort needed to create the different graphical displays depicting the same process element for different uses, but also in the effort needed to tie the graphical elements used in different display applications to the actual hardware or software elements within the process plant to which they are associated.

Accordingly, Thurner cannot provide the benefits of the present application as Thurner fails to disclose the elements of independent claim 1: a "real-time interface providing two or more real-time displays from a set of real-time displays, the set of real-time displays including an operator display, a maintenance display, a configuration display, and a simulation display" where "each of the two or more real-time displays includes a same graphic element corresponding to a same graphical element object of the plurality of graphical element objects." For at least this reason, Thurner does not anticipate independent claim 1, as amended, and is allowable over Thurner under 35 U.S.C. §102.

Independent claims 14 and 19 recite elements similar to independent claim 1. Dependent claims include each and every element of their respective independent claims. For at least reasons similar to independent claim 1, Applicants submit independent claims 14 and 19 and dependent claims 4-6, 8-9, 11-13, and 20 are also not anticipated by Thurner and thus are also allowable under 35 U.S.C. §102. Accordingly, Applicants respectfully request withdrawal of the rejection.

New Claims:

New claims 21-26 each depend from independent claim 1, and new claims 27-29 each depend from independent claim 14. Independent claims 1 and 14 have been demonstrated to be allowable under 35 U.S.C. §112, first and second paragraphs, and under 35 U.S.C. §102. Applicants respectfully submit that at least for reasons similar to claims 1 and 14, new dependent claims 21-29 are also allowable.

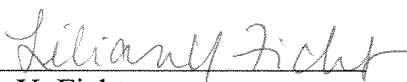
CONCLUSION

In view of the above amendment and arguments, the Applicants submit the pending application is in condition for allowance and an early action so indicating is respectfully requested.

The Commissioner is authorized to charge any fee deficiency required by this paper, or credit any overpayment, to Deposit Account No. 13-2855, under Order No. 06005/41124, from which the undersigned is authorized to draw.

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Respectfully submitted,

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